

G/M Magnetic Relay VSM 825-2
shown approximately one-half actual size

NO Moving Parts NO Contacts Unlimited Life

GENERAL MAGNETICS

SOLID STATE MAGNETIC RELAY

The high reliability G/M Magnetic Relays provide DC to DC latching especially useful for sensing a differential voltage.

Latching action occurs when the input DC signal reaches or exceeds a predetermined relay firing level, delivering the required DV voltage across its load. Polarity of the input is indicated by the output lead on which full voltage appears. Transformer input permits operation at any DC signal voltage level.



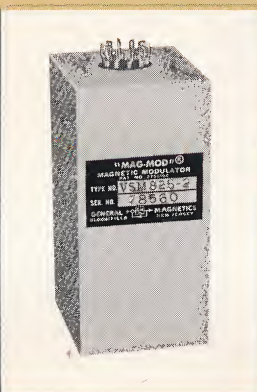
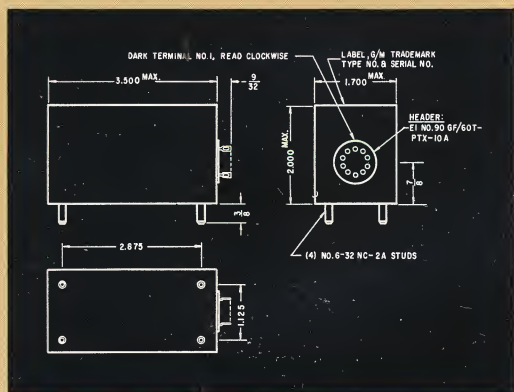
There is
no substitute
for
reliability.



New!...from

GENERAL MAGNETICS

SPECIFICATIONS



Product shown — G/M Magnetic Relay VSM825-2
shown approximately one-third actual size

SOLID STATE MAGNETIC RELAY

▶ A typical unit switches dual outputs of 28 volts across a resistive load of 60 MA with a signal level of ± 150 MV DC. This extremely stable relay has an operating temperature range of -55°C to $+85^{\circ}\text{C}$. G/M Magnetic Relays are designed for rugged performance to meet military environmental specifications for shock, vibration, humidity and altitude.

FEATURES

- Long term stability
- Isolated signal and load circuits
- Low response time (less than 30 milliseconds)
- DC to DC latching—no moving parts for unlimited life
- Input signal may be polarity reversing
- Low operating power required
- Wide environmental operating range

GENERAL DATA

G/M Magnetic Relays offer the reliability of contactless switching with high shock and vibration resistance. Their stable performance and rugged construction make them ideally suited for the increasingly severe operating requirements of today's applications.

G/M Magnetic Relay VSM 825-2	
Temperature Range	-55°C to $+85^{\circ}\text{C}$
Supply Voltages	115V AC, 400 cps; +28V DC
Input signal voltage	0 to $\pm 28\text{V DC}$ (Isolated input)
Actuating Voltage	± 150 MV DC
Input Impedance	$> 50\text{K ohms}$
Dual Output	$+27\text{V} \pm 1\text{V DC}$
Output Load	60 MA DC (max.)

Also available from G/M a complete line of magnetic modulators, magnetic multiplying modulators and high stability oscillators. Order by bulletin numbers MM 101 Series Micro Magnetic Modulators, MM 102 Miniaturized Magnetic Modulators, MM 103 Standard Magnetic Modulators, MM 104 Miniaturized Multiplying Modulators, MM 105 Miniaturized High-stability Oscillators, MM 106 Micro Magnetic Multiplying Modulators.



GENERAL MAGNETICS-INC.

135 BLOOMFIELD AVENUE, BLOOMFIELD, NEW JERSEY • U.S.A.

THERE IS NO SUBSTITUTE FOR RELIABILITY